

PATENT

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12/2/10      Michael H. Hagan  
Date                      Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

MILLER et al.

Application No.: 10/587,723

International Appl. No. PCT/US2005/003245

International Filing Date: February 3, 2005

Title: METHODS AND COMPOSITIONS FOR  
TARGETED CLEAVAGE AND RECOMBINATION

Examiner: J. Dunston

Group Art Unit: 1636

Confirmation No.: 2253

Customer No.: 20855

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

This is in response to the Office Action (*Ex parte Quayle* Action) mailed October 4, 2010, for which a response is initially due on or before December 4, 2010. Accordingly, this response is timely filed.

**Amendments to the Specification** begin on page 2 of this paper.

**A listing of the claims** begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.

**An Abstract**, as previously amended, is attached as a separate sheet.